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Dec. 12, 94

LIBRARY BULLETIN, No. 12.

CLASSIFICATION OF BOOKS

IN THE

LIBRARY.

BY

JOSEPH C. ROWELL.

[Supplement to the Report of the Secretary of the Board of Regents, 1894.]



BERKELEY, CALIFORNIA,
1894.

UNIVERSITY OF CALIFORNIA.

LIBRARY BULLETIN, No. 12.

CLASSIFICATION OF BOOKS

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IN THE

LIBRARY.

BY

JOSEPH C. ROWELL.

[Supplement to the Report of the Secretary of the Board of Regents, 1894.]



BERKELEY, CALIFORNIA,
1894.

Printed at the State Printing Office, Sacramento.
A. J. JOHNSTON, Superintendent.

CLASSIFICATION OF BOOKS.

NOTE.—This classification of *books*, practically applied to a University collection of 60,000 volumes, in its collocation of subjects is believed to more nearly conform to courses of instruction at present pursued in the University than do other schemes now in print. Whenever required by large increase of the Library, a more minute differentiation of topics may be effected by adding lower case letters of the alphabet to class marks here given. The arrangement of Mathematics is that of Professor Irving Stringham, slightly modified.

J. C. R.

- | | | |
|-----|--|--|
| A | Bibliography in General. Anonyms, Pseudonyms. | |
| | <i>Bibliographies of special subjects are arranged under such subjects, adding lower case a to class mark.</i> | [Bibliomania
900 |
| A1 | Indexes | |
| A5 | Bibliography of newspapers, magazines. | [Journalism
914 |
| A8 | Trade and publishers' catalogues of books. | |
| A9 | Private library catalogues, sales lists. | |
| A10 | Public library catalogues, reports, publications | |
| A20 | Library Economy. History, statistics, general works on libraries. | |
| A25 | Buildings, Appliances | |
| A26 | Administration, Cataloguing, Classification. | |
| A30 | Book Arts | |
| A32 | Penmanship, Writing, Autographs | [Lettering 646 |
| A33 | Cryptography, Shorthand | |
| A34 | Paleography, Manuscripts, Illumination | [Inscriptions
under lan-
guages. |
| A36 | Printing: the art, and its history.
Lives of early printers. | [Paper 58op
[Ink 539
[Type 575 |
| A40 | Book illustration: Lithography, Zincography, Chromolithography | [Engraving
664 |
| A43 | Book binding. | |
| A45 | Publishing; Sale of books | [Authorship
897 |

- A50 Book Rarities: Printing, Illustration
 A52 Manuscripts.
 A54 Block books
 A56 Bindings
- B **Encyclopedias; Dictionaries of general knowledge.**
Encyclopedias on special subjects are arranged under such subjects, adding lower case b to class mark.
- C **Periodicals: General, Literary, Unclassified.**
Periodicals, including society publications, on special subjects are arranged under such subjects, adding lower case c to class mark.
- 1 **Philosophy: Study, Theories, Utility.**
 1a Bibliography
 1b Dictionaries
 1c Periodicals.
- 2 **Logic: Foundations and methods of thought**
 21 Mathematical logic. [Probabilities 346]
- 3 History of Philosophy in general.
 4 History of Ancient Philosophy: Greek, Roman, Neo-Platonic, Jewish-Alexandrian.
 5 History of Medieval Philosophy: Arabian, Scholastic
 6 History of Modern Philosophy.
 7 Ancient Philosophers: Texts, Criticisms.
 8 Medieval Philosophers: Texts, Criticisms.
 9 Modern Philosophers: Texts, Criticisms.
- 10 **Psychology; Mental Science**
 10p Phrenology [Child Study 305p
 Intelligence of animals 46oi
 10y Physiognomy. [Soul 47q
 Will freedom 47p]
- 11 **"Psychic" (extra-ordinary, obscure) Phenomena** [Faith cure 490
 11d Dreams, Sleep, Somnambulism
 11g Apparitions, Illusions, Hallucinations [Insanity 493
 11m Mesmerism, Hypnotism, Animal Magnetism.
 11t Mind-reading, Telepathy, Thought-transference
- 12 **Spiritualism.**
 13 **Occult Philosophy or Sciences: Magic, Supernaturalism, Witchcraft.** [Alchemy 525m
 Astrology 358s
 Crime 304
 Intemperance 310
 Minor morals 305q]
- 14 **Ethics; Moral Science**

- | | | |
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| 16 | Religion: Theories, History in general. | [Religious education 305r |
| 17 | Natural Theology | |
| 17d | God: existence, attributes; Theism, Pantheism. | [See also 47g |
| 17k | Creation, Cosmology | [See also 359 |
| 17m | Miracles | |
| 17r | Revelation | |
| 18 | Religion and Science: Bearings, evidences of scientific research upon religious belief. | [Evolution 460 |
| 19 | Non-Christian Religions: general, unclassified. | |
| 19d | Mythology, Demonology: general, comparative. | [Christian angels 47v
[Fairy tales 990 |
| 19e | Symbolism, Fetichism; Tree, Phallic, etc. Worship | [Symbolism in art 637 |
| 19g | Greek-Roman Mythology, Religion | |
| 19h | Greek-Roman Religious Rites, Festivals, Worship. | |
| 19s | Scandinavian, Teutonic, Mythology | |
| 19u | Other European Mythologies, Religions: Celtic, Slavic, Druids, etc. | |
| 20 | Oriental Mythology, Religions: Asiatic and Semitic | [Oriental literature 727 |
| 20d | Vedism, Brahmanism, Hinduism, Brahmo-Somaj | |
| 20e | Buddhism | |
| 20g | Chinese: Confucius, Taouism | |
| 20i | Persian: Zoroaster, Parsi | |
| 20t | Theosophy, Esoteric Buddhism | |
| 21 | Judaism: Kabala, Talmud. | |
| 21l | Hebrew Law | |
| 22 | Mohammedanism, Mohammed. Koran, The Bab. | |
| 23 | Mormonism | |
| 24 | Bible: texts | |
| 24d | Whole Bibles in polyglot | |
| 24e | Whole Bibles in single languages. | |
| 24g | Old Testament | |
| 24n | New Testament | |
| 24p | Single books arranged alphabetically | |
| 24x | Apocryphal books | |
| 24z | Harmonies. | |
| 25 | Bible: critical works. | |
| 25a | Bibliography | |
| 25b | Dictionaries, Concordances | [Hebrew Dictionaries 699b |
| 25bb | Greek Dictionaries to N. Testament | |

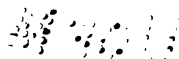
- 25c Periodicals
- 25e History of the Bible
- 25g Chronology, Antiquities
- 25i Geography, Natural History.
- 25k Inspiration, Authenticity
- 25n Interpretation, Commentaries.
- 25p On the Prophetic books.
- 26 Christianity
 - 26e Evidences of Christianity [See also 17m, 17r, 25k.
- 27 Fathers of the Church. Works and lives [Philosophical scholastics 8
- 28 Modern Divines. Collected Works
Subdivide 28 according to sects, if desired.
- 29 Church History
 - 29d Life of Christ
 - 29e Primitive, Apostolic Church; St. Paul.
 - 29l Collected Religious Biography, Lives of Saints
 - 29r History of Revivals
- 30 Christian Sects; general, unclassified. [History of Heresies 47
 - 30d Religious Liberty, Toleration, Union of Sects. [Communion 51t
 - 30g Gnosticism.
 - 30i Mani, Manichæism
 - 30m Mysticism
 - 30q Eastern Church; Coptic, Armenian, Nestorian, etc.
 - 30w Greek-Russian Church.
- 31 Roman Catholic Church. Lives of Popes.
 - 31d Councils
 - 31p Temporal Power of Papacy [Church and State 46s
 - 31u Schismatics: Jansenists, Quietists, Albigenses, etc.
 - 31y Old Catholics, Infallibility of Popes.
- 32 Monasticism, Monastic Orders
 - 32j Jesuits
- 33 Inquisition
- 34 Reformation of the 16th Century
 - 34e England and Scotland
 - 34f France and Spain [Huguenots 109
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- 36d Dissent [Episcopacy 46n

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- 37 Baptist Church
- 38 Congregational Church, Puritanism, Independents
- 39 Lutheran Church
- 40 Methodist Church; Wesleyan, Meth. Episcopal.
- 41 Presbyterian Church; Calvinism in general, Covenanters, Church of Scotland, Dutch Reformed Church.
- 42 Swedenborgianism
- 43 Unitarian Church
- 44 Other denominations
 - 44e Adventist Church.
 - 44f Christian, Campbellite, Disciples.
 - 44g Mennonite
 - 44h Moravians
 - 44k Shakers
 - 44l Salvation Army
 - 44q Quakers, Society of Friends
 - 44u Universalists
- 45 Missions; Evangelistic Work.
 - 45c Periodicals, Societies (Mission, Bible, Tract)
 - 45m Sunday Schools
 - 45y Y. M. C. A.
 - 45z Christian Endeavor
- 46 Canon Law
 - 46d Church Polity, Government. Tithes
 - 46n Episcopacy, Succession of Bishops.
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- 47 Doctrines. History of Doctrines, of Heresies
 - 47e Creeds, Confessions of Faith, Catechisms.
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 - 47k Depravity, Theodicy, Fall of Man
 - 47m Atonement, Regeneration, Faith and Works
 - 47p Freedom of Will, Predestination, Fatalism
 - 47q Soul: Attributes, Destiny; Immortality
 - 47s Death, Resurrection, Judgment, Millennium
 - 47t Future State, Heaven, Hell.
 - 47v Angels, Devils, Satan
 - 47w Prayer (theory, doctrine of)

- 47x Sabbath
 47z Unclassified Doctrines, Controversial writings
 48 Homiletics, Preaching; Pastoral Work, [Elocution 895
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 49 Sermons [See also 27, 28
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 50e Asceticism, Hermits.
 50g Confession of Sins
 50p Perfection, Higher Life
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 51 Worship, Liturgy, Rituals.
 51f Fasts, Feasts, Lent, Thanksgiving, etc.
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 51t Confirmation, Communion, Eucharist.
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 62p Gypsies
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88 German minor states: History
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93d " Antiquities
93i " Channel Islands
94 " History in general.
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94d " " Early and Anglo-Saxon
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94e " " Norman Period, 1066-1154
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94g " " Lancaster-York, 1400-1485
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 147p Political Relations, Treatment, of Indians
 149 British America, Canada: Travel
 150 " History
 153 United States: Travel in general
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 153w Western States: Travel
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 156 " " Early, Colonial, to 1775
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 173 Arizona 178 District of Columbia
 174 Arkansas 179 Florida
 175 Colorado 180 Georgia

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182	Illinois	204	New Jersey
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184	Indian Terr., Okla-	206	New York
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185	Indiana	208	North Carolina
186	Iowa	209	North Dakota
187	Kansas	210	South Dakota
188	Kentucky	211	Ohio; N. W. Territory
189	Louisiana	212	Oregon
190	Maine	213	Pennsylvania
191	Maryland	214	Philadelphia
192	Baltimore	215	Rhode Island
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200	Montana	223	Washington (State)
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 256p Pensions
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 267 **Italy: Politics** pacy 31p
 268 **Germany: Politics**
 270 **Spain, Spanish Colonies**
 272 **France: Politics**
 272e " **Constitutions**
 274 **Switzerland: Politics**
 275 **Great Britain: Politics**
 275p " **British Political Parties**
 276 " **Constitution, Parliament**
 277 " **Empire, Dependencies, Federation**
 278 " **Collected Writings of Statesmen**
 279 " **Public Documents**

Public Documents of nations and states are arranged in the proper place under Politics; those of municipalities, under Local History.

Public Documents relating to Education, Explosives, Finance, Health, Railroads, etc., are located under these subjects.

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| 281 | " Constitution | |
| 281p | " President; powers, election, etc. | |
| 282 | " Collected Writings of Statesmen | |
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| 297 | Statute Law, Codes | |
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| 300 | Social Science, Customs, Social Institutions | |
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- 303 Charities, Poor Laws, Cruelty to Animals
 - 303d Deaf, Dumb, and Blind.
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 - 305d History of Education [Gymnastics 614]
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 - 305f Government, Discipline, Inspection.
 - 305g Elementary, Primary, Object-Teaching
 - 305h Kindergarten, Froebel
 - 305i Secondary; Grammar and High; Academic and Normal
 - 305k Superior, Higher, Collegiate, Post-Graduate, Classical, Liberal, Degrees
 - 305n Technical, Manual, Industrial [Drawing 644
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 - 305p Psychology of education, Child-study, Habit, Memory [Psychology 11]
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 - 305w Women's education; Co-Education.
 - 305y School Hygiene, Architecture, Ventilation [See also 593]
 - 305z Biographies of Educators
- 306 School Reports and other publications of state and municipal boards and schools.
 - 306z School Laws.
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 - 309f Chinese Immigration
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| 319 | Wages | women 314p |
| 319s | Profit-Sharing | |
| 320 | Trade Unions, Strikes, Arbitration | |
| 321 | Coöperation, Building Associations | |
| 322 | Distribution, Competition, Monopoly, Trusts | |
| 323 | Commerce and Trade | [Transporta- |
| 324 | Prices, Speculation, Crises, Stock Exchanges | tion 620 |
| 325 | Free Trade, Tariff Reform, Reciprocity | |
| 326 | Protection (Protective works only) | |
| 327 | Finance, Money, Coinage, Value, Bimetallism | |
| 328 | Public Finance, Public Debts | |
| 329 | Taxation, Revenue | |
| 330 | Banking, Credit, Exchange | |
| 332 | Statistics, Almanacs. (General, not pertaining to
any special subject) | |
| | | |
| 333 | Science (Physical). History, General works. | |
| 334 | Collected Works of scientists covering several
subjects; Scientific Essays. | |
| 335 | Metrology, Weights and Measures | |
| 336 | Scientific Instruments, Apparatus in general | |

- 337 **Mathematics: Philosophy, History** [Study of
337m Unclassified, Recreations, Paradoxes. **Mathemat-**
*Mathematical treatises on Elasticity, Kinematics,
etc., are arranged under such subject. **ics 305e***
- 338 Collected, Comprehensive Works of Mathema-
ticians
- 339 Tables, Logarithms, Formulæ [See also 374,
393d, 401t,
416d
- 340 Arithmetic: Elementary Computations, Continued
Fractions, Numerical Series.
- 341 Theory of Numbers
- 342 Algebra: Elementary, Allgemeine Arithmetik
- 343 Higher Algebra
Invariants, Quantics, Linear Transformations,
Substitutions, Theory of Equations, Sym-
metric Functions, Determinants.
- 344 Extensive, Multiple, Algebra.
Imaginaries, Quaternions, Ausdehnungslehre, •
Equipollences, Linear Associative Algebra,
Vector Analysis
- 345 Series and Limits (Trigonometric, etc.)
- 346 Probabilities, Combinatory Analysis, Permuta-
tions, Finite Differences, Least Squares, Error
of Observation.
- 347 Higher Analysis
Fluxions; Differential, Integral, Calculus; Dif- [Mechanical
ferential Equations, Spherical Harmonics, Integrators
Kugelfunctionen, Maxima and Minima. 336
- 350 Theory of Functions and Complex Variables.
Abelian, Analytical, Elliptic, etc., Functions
and Variables
- 351 Geometry: Elementary
- 352 Projective, Descriptive Geometry. [Perspective
"Modern," "Pure" Geometry, Liniengeometrie, 643
Map Projection, Shades, Shadows, Stereotomy
- 353 Analytic, Solid Geometry
Plane, Loci, Conics, Coördinate, Higher Curves
- 354 Absolute, Non - Euclidian Geometry. Hyper-
Space.
- 355 Trigonometry [Goniometry
439
- 357 **Astronomy: Descriptive, General, Collected
Works**
357d Observatory Publications (other than Star cata-
logues)

- 358 History of Astronomy, Collected Biography.
- 358s Astrology
- 359 Universe, Cosmogony, Origin of Worlds, Milky Way, Space, Ether [Philosophic Cosmology 17k]
- 360 Physical, Theoretical, Astronomy. [Nebular Hypothesis 368]
- Attraction, Gravitation, Motions, Orbits, Perturbations, Pendulum experiments
- 361 Spherical, Practical Astronomy [Nautical Astron. 621]
- 361d Instruments, Observatories, Horology, Chronometers, Time reckoning. [Calendar 61d]
- 362 Geodesy, Triangulation, Figure of the Earth, Azimuth, Latitude and Longitude determination.
- 363 Earth; including Orbit, Seasons, Tides [Physiography 432]
- 364 Moon
- 365 Sun
- Corona, Eclipses, Transits of Venus, etc.
- 366 Solar System, Planets, Asteroids.
- 367 Stars [See also 359]
- 368 Clusters, Nebulæ, Nebular Hypothesis
- 369 Comets, Meteors [Meteorites 438m]
- 370 Atlases, Maps, Drawings, Photographs
- 371 Catalogues of Stars, Ephemerides
- 371x Astronomical Tables, Constants, Formulæ
- 372 **Physics: General Treatises, Collected Works** [Chemical Physics 526]
- 372h History of Physics, Collected Biography
- 373 Physical Measurements, Laboratory Practice; including Specific Gravity, Electrical, Heat, etc., measurements.
- 374 Tables, Formulæ, Constants
- 375 Mechanics, Theoretical; including Theoretical Statics and Dynamics [Grapho-statics 407]
- 375e Theory of Elasticity, Inertia.
- 375f Conservation of Energy
- 375n Animal Mechanics
- 376 Heat, Thermodynamics, Mechanical Theory of Heat
- 377 Molecular Physics [Atomic Theory 525t]
- 378 Sound, Acoustics [Musical Theory 671]
- 379 Light, Optics [Crystallography 439]
- 379i Optical Instruments [Telescope 361d]
- 379l Lighthouses [Microscope 428]
- 379w Wave Theory of Light

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| 380 | Spectroscopy, Spectrum Analysis | [Surveying Instruments 402i |
| 381 | Color, Physiological Optics. | |
| 382 | Electricity. General works on Electricity <i>and</i> Magnetism | |
| 383 | Magnetism | |
| 384 | Terrestrial Magnetism, Auroræ, Magnetic Surveys, Compass Variations | |
| 385 | Electrostatics | |
| 385l | Atmospheric Electricity, Lightning Rods. | |
| 386 | Electrodynamics, Galvanism, Voltaic Electricity, Induction, Electromagnetism | |
| 387 | Electrical Engineering, Applied Electricity | [Electrolysis 527e |
| 388 | Dynamo-Electric Machinery, Motors | [Electrometallurgy 574 |
| 388r | Electric Railroads | |
| 388t | Telephone, Microphone, Phonograph | |
| 389 | Electric Light | |
| 390 | Electric Telegraph | |
| 393 | Mechanical Engineering, Applied Mechanics | |
| 393d | Tables, Formulæ, Handbooks | |
| 394 | Kinematics of Machinery | |
| 395 | Machine Construction | [Machine Design, Drawing 644 |
| 396 | Mechanisms: Cams, Chains, Valves, etc.
<i>Machinery of any special industry is placed under such special subject.</i> | |
| 397 | Machine Tools, Mill work, Shop practice | |
| 398 | Pneumatics: Air, Gases, Steam | |
| 398r | Aeronautics | |
| 399 | Steam Engineering | [Fuels 54r |
| 399l | Locomotive Engine | |
| 399n | Boilers | |
| 400 | Other Motors; Gas, Air, Vapor, Solar Engines; Windmill | |
| 401 | Civil Engineering | |
| 401t | Tables, Formulæ, Handbooks, Specifications | |
| 402 | Surveying: Plane, Topographical, Military, Marine, Mine | [R. R. Surveys 410 |
| 402i | Surveying Instruments | [Topographic Drawing 644t |
| 403 | Materials of Engineering; Building Materials | |
| 404 | Strength of Materials, Elasticity, etc. | [Theory of Elasticity 375e |
| 405 | Roads, Streets, Pavements | |
| 405e | Earthwork, Embankment | [Tunnels 557 |
| 405f | Foundations | |
| 406 | Statics of Structures; Arches | [Building 590, 591 |

- 407 Graphical Statics of constructions
 408 Bridges, Roofs
 409 Railroads. General works
 410 " Engineering: Surveying, Location,
 Construction
 411 " Fixed Plant, Rolling Stock [Car building
 412 " Practice, Management, Accounts 596
 413 " Economics: Tariffs, Legislation,
 State Control.
 414 Hydromechanics: Theoretical
 415 Hydraulic Machines: Pumps, Turbines, Wheels,
 Meters, Rams, Motors, etc.
 416 Hydraulic Engineering
 416d Tables, Formulæ
 417 Waterworks, Dams, Reservoirs, Aqueducts.
 418 Irrigation, Drainage [Farm Irriga-
 419 Canals tion 508
 420 Rivers: Control, Levees, Land Reclamation
 421 Harbors, Docks, Marine Constructions
 422 Water Supply, Wells [Boring 557
 423 Sanitary Engineering, Sewers. [Health 485
 [Plumbing 592

 425 **Natural Science, Natural History.**
 Scientific Voyages
 426 Natural History, Geological, Surveys; Local Ge-
 ology (arr. alphabetically and geographically)
 428 Microscopy in general.
*Applications of Microscopy also under Botany, Bi-
 ology, Chemistry, Bacteriology, etc.*
 429 **Meteorology, Atmospheric Phenomena.**
 Rain, Snow, Ice, Winds, Weather
 429h Climatology, Temperature [Medical cli-
 mate 484r
 430 Meteorological Observatory Publications
 431 **Geology, Descriptive and general.**
 432 Physiography, Surface of the Earth
 432h Hydrography: Ocean, Currents, Coasts, Sail- [Marine Sur-
 ing Directions veying 402
 [Tides 363
 433 Physical Geology; Dynamic, Stratigraphic
 433m Mountains
 434 Glaciers, Glacial Epoch
 435 Volcanoes, Earthquakes.
 436 Economic Geology; Ore Deposits
 437 Petrography, Lithology. [Building
 Stone 403

- 438 Mineralogy Blowpipe
[527P]
 438m Meteorites
 438p Precious Stones
 439 Crystallography, Goniometry
 440 **Paleontology**
 441 Paleobotany
 *If desired, subdivide 440 and 441 either according to
 genera, or according to geological periods.*
 442 **Botany** in general; History of Plants [Plant Culture
512]
 443 Structural: Organs, Anatomy, Histology, Mor-
 phology.
 444 Physiological: Functions of organs, etc.
 445 Systematic.
 446 Cryptogams
 447 Phanerogams
 448 Economic, Medical Botany, Herbals [Materia
Medica 505
[Useful Plants
517]

 459 **Biology** of Plants and Animals (treated together)
 Origin of Life, Protoplasm, Living Matter,
 Spontaneous Generation
 459d Geographical Distribution of Plants and Ani-
 mals
 460 Evolution, Variation, Natural Selection [Descent of
Man 477e]
 460h Heredity
 460i Intelligence, Instinct, Habit, Reason of Animals

 461 **Zoology** in general
 461e Collectors' Manuals, Taxidermy
 461p Parasites, Entozoa
 462 Comparative Anatomy, Physiology, Classifica-
 tion, Morphology.
 462h Histology, including Human Histology
 463 Embryology
 464 Invertebrates
 464p Protozoa (Rhizopoda, Foraminifera, Infusoria)
 465 Cœlenterata, Radiates
 466 Echinodermata
 467 Worms (Annelida, Polyzoa, Bryozoa, Nemer-
 tida)
 468 Mollusca
 468x Brachiopoda
 469 Arthropoda, Crustacea, Myriopoda
 470 Arachnida, Spiders

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| 471 | Insects | |
| 471d | Diptera | |
| 471l | Lepidoptera, Butterflies, Moths | |
| 471n | Coleoptera, Beetles | [Bees 510e |
| 471r | Rhynchota, Hemiptera | [Phylloxera |
| 471x | Injurious, Beneficial Insects | 515p |
| 472 | Vertebrates | |
| 472t | Tunicata, Ascidians | |
| 473 | Fishes | |
| 473x | Fish Culture, Fisheries; Oyster, Pearl Industries | [Angling 615 |
| 473z | Amphibia, Batrachia | |
| 474 | Reptiles, Turtles | |
| 475 | Birds | |
| 475x | Cage Birds, Aviaries | |
| 476 | Mammals | |
| 477 | Man, Anthropology, Natural History of Man | [Sociology 300 |
| 477e | " Evolution, Descent, Homologies, Color | |
| 477r | " Prehistoric Remains | |
| | <i>Antiquities of any country are placed under History.</i> | |
| 478 | " Ethnology, Races, Migrations | [Linguistic Af- |
| 478n | " Anthropometry | finities 682, |
| 478p | " Craniology. | 725 |
| 480 | Medicine | |
| 480c | Periodicals, Hospital Reports | |
| 480e | Ethics | [Vivisection |
| 480h | History of Medicine, Delusions | 303 |
| 480m | Ancient, Medieval Writers | |
| 481 | Medical Jurisprudence | [Poisons 531 |
| 482 | Anatomy | [Comparative |
| 483 | Physiology | Anatomy 462 |
| 483c | Periodicals on Anatomy and Physiology | |
| 484 | Health; Baths, Clothing, Diet, Exercise, Em- | [Chemistry of |
| | ployments, Old Age, Stimulants | Foods 533 |
| 484r | " Health Resorts, Climate in Medicine | [Gymnastics |
| | | 614 |
| 485 | Public Health; Cremation, Burial, Disinfection, Quarantine | [Sanitary |
| | | Engineering |
| | | 423 |
| 486 | Health Reports | |
| 487 | Practice of Medicine, Hospitals, Nursing | |
| 487d | Diagnosis, Etiology | |
| 488 | Military Medicine, Surgery, Hygiene | |
| 489 | Homœopathy | |

- 490 Other Systems of Medicine; Water-cure, Faith cure, Christian Science, etc.
- 492 Specific Diseases: unclassified
Bones and Joints, Inflammations, Rheumatism, Fevers, Tumors, Seasickness, Monsters
- 493 Brain, Nervous System, Insanity, Asylums [Hypnotism 11m]
- 494 Eye, Ear, Color-blindness
- 495 Heart, Blood, Circulatory System
- 496 Lungs, Respiratory System, Throat, Nose
- 497 Stomach, Digestive System, Intestines
- 498 Urinary, Generative Organs [Urine Analysis 53ou]
- 499 Dermatology, Skin, Hair
- 500 Epidemic, Contagious Diseases, Vaccination
- 501 Bacteriology, Germ Theory of Disease [Ferments 5]
- 503 Diseases of Women and Children
- 504 Surgery
- 504d Dentistry
- 504s Obstetrics
- 505 Materia Medica, Pharmacy, Anæsthetics [Medical Botany 44
[Med. Chemistry 53o-
- 506 **Industrial Arts** in general and unclassified
- 506e Exhibitions
- 506i Inventions, Patents [Patent Law 294p]
- 507 **Agriculture.** General works, Statistics
- 507e Economics and Politics
- 507r Rural Architecture
- 508 Implements, Operations, Drainage, Irrigation, etc.
- 509 Agricultural Chemistry, Soils [Plant Analysis 529]
- 509m Manures, Fertilizers, Use of Sewage
- 510 Domestic Animals
- 510e Bees, Honey
- 510f Dogs, Cats
- 510g Poultry, Pigeons
- 510h Horse, Mule, Camel [Horsemanship 615]
- 510s Sheep, Goat
- 510t Swine
- 510v Veterinary Medicine
- 511 Cattle
- 511d Dairy, Milch Cows, Cheese [Chemistry Milk 533]
- 511f Forage Plants, Grasses, Hay, Silos
- 512 Grain
- 513 Vegetables, Kitchen Gardening

- 514 Fruits, Pomology, Nuts [Preserves 610]
 - 514l Citrus Fruits
 - 514n Olive
 - 514s Small Fruits
- 515 Viticulture, Raisins
 - 515p Maladies of Vines, Phylloxera [Fungi 446]
- 516 Viniculture, Wine making, Cellarage
 - 516c Grape and Wine Periodicals
 - 516l Liquor Manufactures, Distillation, Alcohol Tables
- 517 Useful Plants [Medicinal Plants 448]
 - 517e Coffee, Tea, Hops [Sugar cane 546]
- 518 Fibrous Plants
- 519 Flower Culture, Gardens, Conservatories
 - 519l Landscape Gardening
- 520 Forestry, Trees [Lumber 403]
- 521 U. S. Department of Agriculture Publications

- 523 **Chemistry in general, Collected Writings of Chemists.**
 - 523t Tables, Formulæ
- 524 Apparatus, Laboratories, Manipulation
- 525 History, Chemical Philosophy
 - 525m Alchemy, Alchemistic Works
 - 525t Atomic Theory, Periodic Law, Stereochemistry
- 526 Chemical Physics, Solutions
 - 526t Thermochemistry, Calorimetry
- 527 Analytical Chemistry in general. [Assaying 560]
 - 527e Electrolysis [Soil Analysis 509]
 - 527p Blowpipe [Spectrum Analysis 380]
 - 527v Volumetric
- 528 Inorganic Chemistry and Analysis
- 529 Organic Chemistry and Analysis; Air, Plant
- 530 Physiological, Medical Chemistry [Pharmacy 505]
 - 530u Urine Analysis
- 531 Poisons, Toxicology
- 532 Water Analysis, Mineral Waters
- 533 Foods and Adulterations
- 536 Chemical Technology. [Tanning 580l]
- 537 Chemicals, Acids, Alkalies, Salts
- 538 Brewing, Fermentation, Starch, Vinegar
- 539 Dyes, Colors, Paints, Bleaching, Anilines, Inks
- 540 Explosives, Pyrotechnics, Matches
- 541 Fuels, Furnaces, Combustion of Coal, Gas, etc.

542	Gas Manufacture, Analysis, Use	
543	Mineral Oils, Petroleum: Production, Refining, etc.	
544	Animal and Vegetable Oils; Lubricants, Varnishes, Gums, Resins, Soap, Candles	
545	Perfumery, Cosmetics	
546	Sugars; including culture of cane and beet.	
548	Ceramics, Glass, Porcelain, Pottery	[Painting of Ceramics 655]
550	Photography	[Stellar Photography 361]
551	Photoengraving processes	
554	Mining. General treatises, Exploitation	[Ore Deposits 436]
554e	Mining Accidents	[Surveying 402]
554f	Mining Law	
555	Statistics, Reports, Mines in special countries	
556	Machinery, Tools, Extraction	
557	Blasting, Tunnels, Quarrying, Timbering; Boring for water, gas, etc.	[Explosives 540] [Stone-cutting 591]
558	Ventilation, Lighting, Drainage	[Pumps 415]
559	Ore Preparation, Mechanical Treatment	
560	Assaying	
561	Metallurgy	
562	Metallurgical Instruments, Furnaces	
563	Aluminum	
564	Coal Mining	
565	Copper Mining and Metallurgy	
566	Iron and Steel Mining and Metallurgy	
567	Gold and Silver " " "	
568	Silver (alone) " " "	
569	Lead " " "	
570	Quicksilver " " "	
571	Tin " " "	
572	Other Metals " " "	
574	Electro-metallurgy	
575	Manufactures from Metals, general, unclassified	
575f	Molding, Casting, Founding	[Ordnance 625]
575m	Alloys, Amalgams, Solders, Bronze, Type-metal.	[Bronzes 659t]
580	Manufactures in general, unclassified. History	
580l	Leather, Tanning, Leather Goods.	
580m	Flour milling	
580p	Paper, Stationery	
580r	Rubber, Celluloid, Goods	
580s	Salt	

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| 585 | Textile Manufactures, Design. | [Dyeing 539
[Fibres 518 |
| | Carpets, Clothes, Millinery, Hats, etc. | |
| 586 | Cotton Goods | |
| 587 | Wool, Worsted, Woolen Goods | [Sheep 510s |
| 588 | Silk, Silk Goods, Silkworms | |
| 590 | Building Arts; Carpentry, Specifications, Wood- | [Strength of |
| | working, Joinery, Planing mills | Materials |
| | | 404 |
| 591 | Brickwork, Masonry, Stone-cutting, Concrete | |
| | work | |
| 592 | Plumbing, Drainage of Buildings | |
| 593 | Heating, Ventilation | [Fuels 541 |
| 594 | House Painting, Paperhanging | |
| 595 | Cabinet Work, Furniture, Upholstery | |
| 596 | Cars, Carriages | |
| 598 | Shipbuilding | |
| 600 | Architecture | [Architectural |
| 601 | History of Architecture | Drawing 645 |
| | | [School Arch. |
| 601z | Lives of Architects | 305y |
| 602 | Ancient Architecture | [Rural Arch. |
| | | 507r |
| 603 | Gothic, Medieval Architecture | |
| 605 | Church Architecture, Cathedrals | |
| 610 | Domestic Economy, Cookery | [Chemistry of |
| | | Foods 533 |
| 611 | Minor Decorative Arts: Lace, Needlework, | [Costume 61p |
| | Dressmaking, Wax Flowers, etc. | [Millinery 585 |
| 613 | Recreation, Sports, Games | |
| 614 | Athletic, Gymnastic, Physical Education | [Delsarte 896 |
| 615 | Field Sports, Hunting, Fishing, Swimming, | |
| | Boating, Horsemanship, Falconry | |
| 616 | Indoor Games, Cards, Billiards | |
| 617 | Business, Business Manuals, Advertising, Com- | [Business Edu- |
| | mercial Correspondence, Commercial Di- | cation 305n |
| | rectories | [Commerce |
| | | 323 |
| 618 | Bookkeeping, Accounts, Interest Tables | [Penmanship |
| | | A32 |
| 619 | Communication, Post Office, Mails, Postage | |
| | Stamps | |
| 620 | Transportation, Navigation, Express | [Canals 419 |
| | | [Railroads 409 |
| 621 | Seamanship, Nautical Astronomy | [Hydrography |
| | | 432h |

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| 623 | Art of War in general, Statistics, Armed | [Military Medicine 488] |
| | Strength | |
| 623e | Peace, Ethics of Warfare | |
| 624 | Military Law, Regulations, Courts-martial | |
| 625 | Material of Warfare: Weapons, Ordnance, Gunnery, Fire-arms, Ballistics | [Explosives 540] |
| 626 | Organization of Armies, Minor Tactics, Infantry, Cavalry, Camp duties, Signalling. | |
| 627 | Strategy, Grand Tactics, Operations, Plans of Campaign, Mobilization, Marches, Commissariat. | |
| 628 | Military Engineering, Fortifications, Sieges | [Castles 603] |
| 629 | Harbor and Coast Defense, Submarine, Torpedoes | |
| 630 | Naval Warfare, Navies | [Ship Building 598] |
| 632 | Æsthetics; Principles, Philosophy of Fine Art | |
| 633 | Fine Art, Collected and general works, essays, criticism. | |
| 634 | History of Fine Art | |
| 635 | Ancient, Oriental, Greek, Roman, Byzantine | [Antiquities 80] |
| 637 | Christian, Christian Symbolic Art | [Symbolism in general 19e] |
| 637d | Dance of Death | |
| 638 | Medieval, Renaissance | [Renaissance History 83] |
| 639 | Modern | |
| 640 | Collective Biography of Artists | |
| 641 | Catalogues of collections, galleries, art sales; Guide Books | |
| 642 | Drawing, Design in general, and freehand | |
| 642f | Caricature | |
| 642i | Instruments, Materials | |
| 642z | Art Anatomy, Beauty of Form, Canon of Proportions | [Anthropometry 478n] |
| 643 | Perspective | [Projective Geometry 352] |
| 644 | Industrial, Mechanical, Drawing | |
| 644t | Topographical | [Theory of Machine Design 395] |
| 645 | Architectural Drawing | [Architecture 600] |
| 646 | Lettering Alphabets | [Illumination A34] |
| 648 | Ornament, Decoration | [Minor Decorative Arts 611, 667] |

- 652 **Painting; Pictorial, Graphic, Arts: Theory and History in general**
- 652d Ancient
- 652e English; English Collected Biography
- 652f French; French " "
- 652g German, Flemish, Dutch and Collected Biography
- 652i Italian; Italian " "
- 652s Spanish, Portuguese; and " "
- 652u American; and " "
- 652w Other Schools
- 654 Individual Biography of Painters
- 655 Practice, Methods, Materials of Painting
- 655e Animal, Figure, Genre
- 655f Fresco
- 655l Landscape, Marine
- 655p Portrait
- 655w Water Color
- 657 Collections, "Galleries." [See also 666]
- 659 **Sculpture, Plastic Art: History in general**
- 659p Practice, Methods, Materials
- 659t Bronzes [Casting 575f]
- 659z Individual Biography of Sculptors
- 660 Ancient; Greek, Roman, etc.
- 661 Medieval, Modern
- 662 Carving in Wood, Ivory, etc. Gems, Dies, Seals [Numismatics 61n]
- 664 **Engraving: History, Manuals** [Photo-En-graving 551]
- 664z Lives of Engravers [Lithography A40]
- 665 Etching
- 666 Collections of Prints, Etchings, etc. [See also 657]
- 667 Minor Fine Arts. [Ceramics 548]
- Bric-a-brac, Enamels, Jewelry, Mosaic, Plate. [Lace 611]
- 669 **Music: General Works, History, Criticism**
- 670 Biography of Musicians
- 671 Theory and Science, Musical Acoustics. [Sound 378]
- 673 Instruments in general, unclassified
- 674 Organ, Harmonium.
- 674s Organ Music
- 675 Piano
- 675s Piano Music
- 676 Violin, Violincello
- 676s Violin Music
- 677 Art of Singing, Voice Culture [Elocution 895]

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| 678 | Vocal Music, Songs <i>with</i> Music | [Songs with- |
| 679 | Sacred, Dramatic, Operatic | out music |
| 679s | “ “ “ Scores | under Poetry |
| | | [Hymns 51h |
| 682 | Language: Theory, Philosophy, History, Clas- | [Teaching of |
| | sification | Languages |
| | <i>Chrestomathies are placed generally under Language,</i> | 305e |
| | <i>or Grammar, not under Literature.</i> | |
| 682c | Philological Periodicals general, unclassified | |
| 683 | Collected Works, Essays, of Philologists | |
| 684 | Artificial or Universal Languages | [Comparative |
| 685 | Non-Aryan Languages general, unclassified | Phonology |
| 686 | Egyptian, Coptic. Language | 725d |
| 687 | “ “ Inscriptions, Literature | |
| 688 | Gipsy Language and Literature | |
| 690 | African | |
| 695 | Semitic Languages | |
| 696 | Assyrian, Babylonian, Accadian, Cuneiform | |
| 697 | Syriac, East-Aramaic, Mandaitic | |
| 698 | Modern Syriac | |
| 699 | Hebrew, Phœnician, Punic, Chaldaic, Samaritan | [Bible 24 |
| | Philology | |
| 700 | “ Literature | |
| 701 | Arabic Philology | |
| 702 | “ Literature | [Koran 22 |
| 705 | Basque Philology and Literature | |
| 706 | Ural-Altaic Philology | |
| 709 | Dravidian, South Asiatic, Philology | |
| 712 | Chinese Philology | |
| 713 | Dialects | |
| 714 | Chinese Literature | |
| 715 | Japanese, Corean, Aino Languages | |
| 716 | “ “ “ Literature | |
| 717 | Malay-Polynesian Philology | |
| | Borneo, Celebes, Sumatra, Java, Philippines | |
| 718 | Hawaiian, Samoan, Fiji, Tahiti, Tonga, Melane- | |
| | sian | |
| 719 | Australian, Madagascar | |
| 720 | North American Indian Languages | |
| 722 | Central and South American Indian Languages | |
| 725 | Indo-European, Aryan, Philology and Compar- | |
| | ative Grammar | |
| 725d | Comparative Phonology, Orthography, Alphabet | |
| 725e | Comparative Etymology, Morphology. | |
| 725f | Comparative Syntax | |

- 726 Names
- 727 Oriental Literature: Polygraphy, Collected Works
of Oriental Philologists.
- 727c Oriental Philological Periodicals
- 728 Sanskrit, Indic, Philology
- 729 " " History of Literature
- 730 " " Texts, Translations
- 733 Prakrit, Pali, Singhalese
- 734 Iranic, Zend, Old Bactrian, Old Persian [Zend-Avesta
201]
- 735 Pahlavi, Parsi, Middle Persian
- 736 Afghan, Armenian, Ossetic, Kurd, Balochi
- 737 Modern Persian Language
- 738 " " Literature
- 739 Aryan Modern Languages
- 742 **Greek Language:** History, Philology, Collected
Works of Greek Philologists.
*Books on Greek and Latin combined are placed in the
proper class under Greek.*
- 742a Bibliography of Greek and Latin Language and
Literature
- 742b Dictionaries: Gr.-Latin, Gr.-Engl., Gr.-German,
etc.
- 742c Periodicals on Classical Philology
- 743 Greek Grammar
- 743d Phonology, Orthography
- 743e Etymology, Synonyms, Inflection
- 743f • Syntax, Composition
- 743m Metric, Accent, Rhythm
- 744 Greek Dialects
- 745 Greek, Greek-Latin, Inscriptions
- 746 History of Greek Literature
- 747 History of Greek Poetry and Drama
- 750 Collected Greek Literature
- 751 Greek Authors (alphabetically arranged) [Greek Philos-
ophers 7]
Under each author arrange as follows:
*1. Whole works. 2. Selections. 3. Whole works
translated. 4. Single works and translations.
5. Critical works, grammar, etc.*
- 752 Homer
- 755 Modern Greek, Romaic, Language
- 756 " " " Authors
- 757 Albanian Philology and Literature
- 759 **Latin Language;** History, Philology, Collected
Works of Latin Philologists
- 759b Dictionaries

- 760 Latin Grammar
 - 760d Phonology, Orthography
 - 760e Etymology, Synonyms, Inflection
 - 760f Syntax, Composition
 - 760m Metric, Accent
- 761 Other Italic Languages; Etruscan, Oscan, Umbrian, Volscian, Old Latin.
- 763 Latin Inscriptions
- 764 History of Latin Literature
- 765 History of Latin Poetry and Drama
- 767 Collected Latin Literature.
- 768 Latin Authors [Latin Philosophers 7]
- 769 Cicero
- 772 Medieval, Post-classical, Latin; Lingua vulgaris
- 773 Medieval Latin Authors (literary)
- 775 Romance Languages in general
- 776 Roumanian, Wallachian
- 777 Rhæto-Romansch, Ladin.
- 779 Italian Language: History, Grammar
- 780 Dialects
- 781 History of Italian Literature
- 782 Italian Authors
- 785 Dante Alighieri
- 786 Spanish Language: History, Grammar
- 787 History of Spanish Literature
- 788 Spanish Authors to 1800
- 789 " " 19th Century
- 794 Portuguese Language
- 795 Portuguese Authors
- 797 Catalan Language
- 798 Catalan Authors
- 799 Provençal Language: History, Grammar
- 799d Dialects
- 800 History of Provençal Literature, Troubadours
- 801 Provençal Authors (old and modern)
- 802 French Language: History, General Philology
- 803 French Grammar
 - 803d Phonology, Orthography
 - 803e Etymology, Inflection
 - 803f Syntax
 - 803m Metric, Poetic.
- 804 Old French Language
 - 804b " Dictionaries
- 805 Dialects

- 807 History of French Literature
 - 807p " " Poetry
 - 807s " " Drama
 - 807x " " Fiction
- 808 Collected French Literature
- 809 Old French Authors, to 1400
- 810 French Authors, 15th-16th centuries
- 811 " 17th century
- 812 " 18th century
- 813 " 19th century
- 814 " " Poets
- 815 " " Dramatists
- 816 " " Novelists
- 825 Celtic Languages in general.
- 826 Cymric Philology: Welsh, Cornish, Breton, etc.
- 827 " Literature
- 828 Gaelic Philology: Irish, Manx, Highland Scotch
- 829 " Literature.
- 830 Slavic Languages and Literatures
- 831 Bohemian, Slovakian, Moravian
- 833 Bulgarian, Servian, Croatian, Illyrian, Slovenian
- 834 Lithuanian, Lettish, Polish, Old Prussian
- 835 Russian Language
- 836 Russian Authors
- 838 Teutonic Philology, Comparative Grammar.
- 838r Runes
- 839 Gothic Language; Ulfilas
- 840 Scandinavian Philology; Icelandic, Old Norse
- 841 " Texts, Eddas, Sagas
- 842 Swedish Language
- 843 " Authors
- 844 Danish-Norwegian Language
- 845 " Authors
- 847 German Language: History, General Philology
 - 847a Bibliography of Language and Literature
 - 847c Philological and Literary Periodicals
- 848 German Dictionaries
 - 848d " Dialectal
 - 848h " Old High
 - 848m " Middle High
- 849 German Grammar
 - 849d Phonology, Orthography
 - 849e Etymology, Inflection
 - 849f Syntax, Rhetoric
 - 849m Metric, Poetic

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| 850 | Old High, Old Low, Old Saxon Philology | |
| 851 | Middle High, Middle Low, Friesic, Niedersächsische, Philology. | |
| 852 | Modern German Dialects | |
| 853 | History of German Literature | |
| 853h | “ Old High or Low | |
| 853m | “ Middle High or Low | |
| 853n | “ Modern | |
| 853p | “ Poetry | |
| 853s | “ Drama | |
| 853x | “ Fiction | |
| 854 | Collected German Literature | |
| 854k | Kürschner's Reprints | |
| 855 | Collected Poetry and Drama | |
| 856 | German Authors, Old High or Low, to 1150 | |
| 857 | “ Middle High or Low, 1150 to 1522 | |
| 860 | “ New High, 1522-1625 | |
| 861 | “ 1625-1750 | |
| 862 | “ 1750-1830 | |
| 863 | “ “ Poets | |
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| 866 | “ Lessing | |
| 867 | “ Goethe | |
| 868 | “ Schiller | |
| 869 | “ 1830-1900 | |
| 870 | “ “ Poets | |
| 871 | “ “ Dramatists | |
| 872 | “ “ Novelists | |
| 881 | Dialectal Modern German Authors | |
| 884 | Modern Dutch, Flemish, Language | |
| 885 | “ “ Authors | |
| 888 | English Language | |
| 888c | Periodicals on English Philology | |
| 889 | English Dictionaries | |
| 889e | Early English, Archaic, Obsolete | [Anglo-Saxon 921b |
| 889f | Dialects, Provincialisms | [French-Engl. 802b |
| 889s | Scottish | [German-Engl. 848 |
| 889u | Americanisms | [Pidgeon-Engl. 720 |
| 889w | Technological, including Polyglots | |
| 889y | Slang | |
| 890 | English Grammar | |
| 891 | Phonology, Orthography | |

- 12 Etymology, Word-study, Synonyms, Deriva- [Etymological
tion, Inflection Dictionaries
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- 892d English Dialect Society
- 13 Syntax, Parts of Speech, Punctuation
- 15 Oratory, Elocution [Acting 906s
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- 17 Rhetoric, Literary Composition, Authorship.
- 897s Style
- 19 Literary Criticism
- 20 Books and Reading; Bibliomania; Love, Choice,
Praise of Books
- 1 Literature: Comparative, Philosophy, History
in general.
- 12 Allusion Books, Tables, Dictionaries
- 13 Poetic: Theory, Philosophy, General History of
Poetry; Lyric, Epic.
- 14 Metric, Technique of Verse; General and English
- 904b Rhyming Dictionaries
- 15 History and Criticism of English Poetry
- 16 Dramatic: Theory, Philosophy, Technique of
Dramatic Poetry; Comedy, Tragedy.
- 906m Morality, Ethics of the Drama
- 906s Acting, Production of Dramas. [Gesture 896
- 17 History of the Drama in general
- 18 History of English Drama and Stage
- 19 Dramatic Biography
- 20 Fiction: Theory, Art, History in general
- 910e History of English Fiction
- 1 Satire and Humor: History in general, and of
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- 2 History of English Literature
- 912d " Anglo-Saxon, Early, to 1550
- 912f " Elizabethan to 1800
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- 3 History of American Literature
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- 917h " " Humor
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- 921 Anglo-Saxon Language, Grammar
 921b " Dictionaries
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 926 Chaucer
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 952 19th Century Authors
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 " Novelists
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- Note.—The collected Works of an author are placed in that division—poetry, drama, fiction—in which his work mainly lies. In the same place also go biographies, criticisms of him and his writings.*
Translations of foreign authors are placed with the literature of the countries of which they were natives.
- 984 California Authors (literary)
 " Poets and Dramatists
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 988 Medieval and British Ancient Romances
 990 Folk-lore, Legends, Literary Traditions [Fairies 19d]
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